

## ABSTRACT OF THE INVENTION

5 A unique clone of a *Polistinae* venom enzyme, recombinantly produced  
*Polistinae* venom enzymes, and methods of using the recombinant enzymes are provided.  
In a specific example, both phospholipase and hyaluronidase cDNA from *Polistes annularis*  
contain apparent "intronic" sequences. In still a further embodiment, genetic engineering  
permits the construction of the "intronic" sequences to yield a useful coding sequence for  
expression of mature *Polistinae* venom enzyme proteins.

10